

## M12 male 0° / M8 female 90° A-cod. LED

PUR 3x0.25 ye UL/CSA 5m

## ⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Male straight - female 90°

M12 - M8, 3-pole

LED (yellow/green)

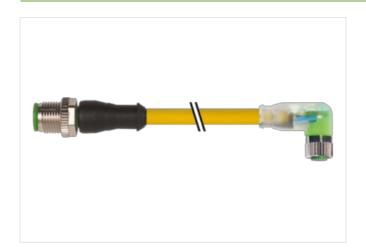
Plastic housings with good resistance against chemicals and oils.

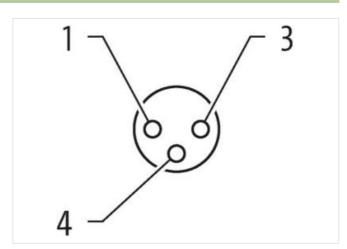
The resistance to aggressive media should be individually tested for your application. Further details on request.

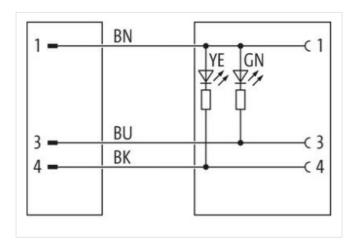
Further cable lengths on request.

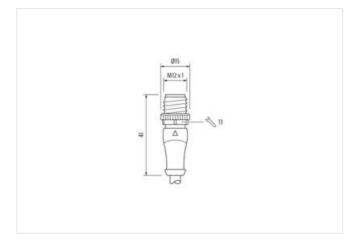
## **Link to Product**

## Illustration



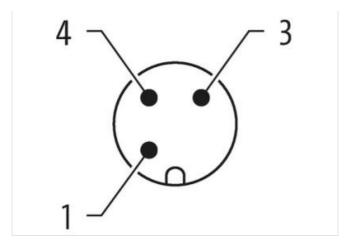


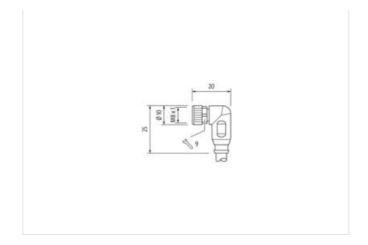






stay connected





Product may differ from Image





Side 1           Tightening torque         0.6 Nm           Mounting method         inserted, screwed           Casting construction form         M12           Thread         M12 x 1           suitable for corrugated tube (internal Ø)         10 mm           Material         PUR           No. of poles         3           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP66K, IP67           Side 2           Tightening torque         0,4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6,5 mm           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial data         Commercial of the contract of the colored co	Cable length	5 m
Mounting method   Inserted, screwed	Side 1	
Coating contact         gold plated           Family construction form         M12           Thread         M12 x 1           suitable for corrugated tube (internal Ø)         10 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP66K, IP67           Side 2           Tightening torque         0.4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6.5 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27060311	Tightening torque	0,6 Nm
Family construction form         M12           Thread         M12 x 1           suitable for corrugated tube (internal Ø)         10 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP66K, IP67           Side 2           Tightening torque           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6,5 mm           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27060311	Mounting method	inserted, screwed
Thread         M12 x 1           suitable for corrugated tube (internal Ø)         10 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP66K, IP67           Side 2         Tightening torque         0.4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6,5 mm           Material contact         Copper alloy           Material pure         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial date         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27260311	Coating contact	gold plated
suitable for corrugated tube (internal Ø)         10 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP66K, IP67           Side 2           Tightening torque         0,4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6,5 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial data         ECLASS-6.0           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311	Family construction form	M12
Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP66K, IP67           Side 2           Tightening torque         0,4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6,5 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial data         ECLASS-6.0           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311	Thread	M12 x 1
Material         PUR           No. of poles         3           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP66K, IP67           Side 2           Tightening torque         0,4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6,5 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial data         ECLASS-6.0           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311	suitable for corrugated tube (internal Ø)	10 mm
No. of poles         3           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP66K, IP67           Side 2           Tightening torque         0,4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6,5 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial data         ECLASS-6.0           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311	Material contact	Copper alloy
Wright across flats         SW13           Degree of protection (EN IEC 60529)         IP66K, IP67           Side 2         Tightening torque         0,4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6,5 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial data         ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311	Material	PUR
Degree of protection (EN IEC 60529)         IP66K, IP67           Side 2         Tightening torque         0,4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6,5 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial data         ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311	No. of poles	3
Side 2           Tightening torque         0,4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6,5 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial data         ECLASS-6.0           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311	Width across flats	SW13
Tightening torque	Degree of protection (EN IEC 60529)	IP66K, IP67
Mounting method inserted, screwed  Coating contact gold plated  Family construction form M8  Thread M8 x 1  suitable for corrugated tube (internal Ø) 6,5 mm  Material contact Copper alloy  Material PUR  No. of poles 3  Width across flats SW9  Degree of protection (EN IEC 60529) IP66K, IP67  Commercial data  ECLASS-6.0 27279218  ECLASS-7.0 27279218  ECLASS-8.0 27279218  ECLASS-9.0 27060311	Side 2	
Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6,5 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311	Tightening torque	0,4 Nm
Family construction form         M8           Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6,5 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311	Mounting method	inserted, screwed
Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6,5 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311	Coating contact	gold plated
suitable for corrugated tube (internal Ø)         6,5 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial data         ECLASS-6.0           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27060311	Family construction form	M8
Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311	Thread	M8 x 1
Material     PUR       No. of poles     3       Width across flats     SW9       Degree of protection (EN IEC 60529)     IP66K, IP67       Commercial data       ECLASS-6.0     27279218       ECLASS-6.1     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311	suitable for corrugated tube (internal $\emptyset$ )	6,5 mm
No. of poles       3         Width across flats       SW9         Degree of protection (EN IEC 60529)       IP66K, IP67         Commercial data         ECLASS-6.0       27279218         ECLASS-6.1       27279218         ECLASS-7.0       27279218         ECLASS-8.0       27279218         ECLASS-9.0       27060311	Material contact	Copper alloy
Width across flats         SW9           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311	Material	PUR
Degree of protection (EN IEC 60529)       IP66K, IP67         Commercial data         ECLASS-6.0       27279218         ECLASS-6.1       27279218         ECLASS-7.0       27279218         ECLASS-8.0       27279218         ECLASS-9.0       27060311	No. of poles	3
Commercial data       ECLASS-6.0     27279218       ECLASS-6.1     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311		SW9
ECLASS-6.0       27279218         ECLASS-6.1       27279218         ECLASS-7.0       27279218         ECLASS-8.0       27279218         ECLASS-9.0       27060311	Degree of protection (EN IEC 60529)	IP66K, IP67
ECLASS-6.1       27279218         ECLASS-7.0       27279218         ECLASS-8.0       27279218         ECLASS-9.0       27060311	Commercial data	
ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311	ECLASS-6.0	27279218
ECLASS-8.0 27279218 ECLASS-9.0 27060311	ECLASS-6.1	27279218
ECLASS-9.0 27060311	ECLASS-7.0	27279218
27000011	ECLASS-8.0	27279218
ECLASS-10.1 27060311	ECLASS-9.0	27060311
	ECLASS-10.1	27060311



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FOLACO 44.4	27060311
ECLASS-11.1	
ECLASS-12.0	27060311
ETIM-5.0 customs tariff number	EC001855 85444290
GTIN	
Packaging unit	4048879159951
Electrical data   Supply	
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Operating voltage DC max. (UL-listed)	30 V
Current operating per contact max.	4 A
Current consumption max.	5 mA
Diagnostics	
Status indication LED	green, yellow
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	1
Mechanical data   Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Material gasket	FKM
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data   Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
	DIVERSIONS E TOT (WILE), DIVERSIONS E TIT (MIC)
Installation   Cable	
Cable identification	020
Cable Type	2
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding Stranding	1
	3 wires twisted
wire arrangement  Cable weigth	brown, black, blue 26,62 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4,3 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires Outer diameter insulation	3
Camer diameter institution	1,25 mm

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-01



Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	43 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Travel speed (C-track)	2 Mio. @ 25 °C
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter